

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

## 1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

## b. TYPE OF WELL

OIL  
WELL ☐GAS  
WELL ☒

OTHER

SINGLE  
ZONE ☐MULTIPLE  
ZONE ☒

## 2. NAME OF OPERATOR

Walter D. Broadhead

## 3. ADDRESS OF OPERATOR

1645 North 7th. St. Grand Junction, Colo...81501

## 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)\*

At surface

863' FSL & 347' FSL in the SE $\frac{1}{4}$ SE $\frac{1}{4}$  Section 9

At proposed prod. zone

approximately same

## 14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

About 11 Miles North east of Cisco, Utah.

## 15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drig. unit line, if any)

863'

## 16. NO. OF ACRES IN LEASE

640

18. DISTANCE FROM PROPOSED LOCATION\*  
TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

0.5 mile

## 19. PROPOSED DEPTH

1500

## 21. ELEVATIONS (Show whether DF, RT, GR, etc.)

GR 4580

## 23.

## PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT*
8 5/8"	7"	#17	100'	circulate cement to surface
6 1/4"	4 1/2"	9 $\frac{1}{2}$ lb.	TD	100 SX cement

## EXHIBITS ATTACHED:

- A Location and elevation plat
- B Ten-Point compliance program
- C Blowout preventer diagram
- D Multi-point requirements for APD
- E Route and distance road map
- F Access road and radius map of wells in area
- G drill pad layout
- H drill rig layout
- I production facility layout

APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING

DATE: 2/10/82

BY: ABright

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

## 24.

SIGNED

Walter D. Broadhead

TITLE

Operator

DATE

Nov 28, 1981

(This space for Federal or State office use)

PERMIT NO.

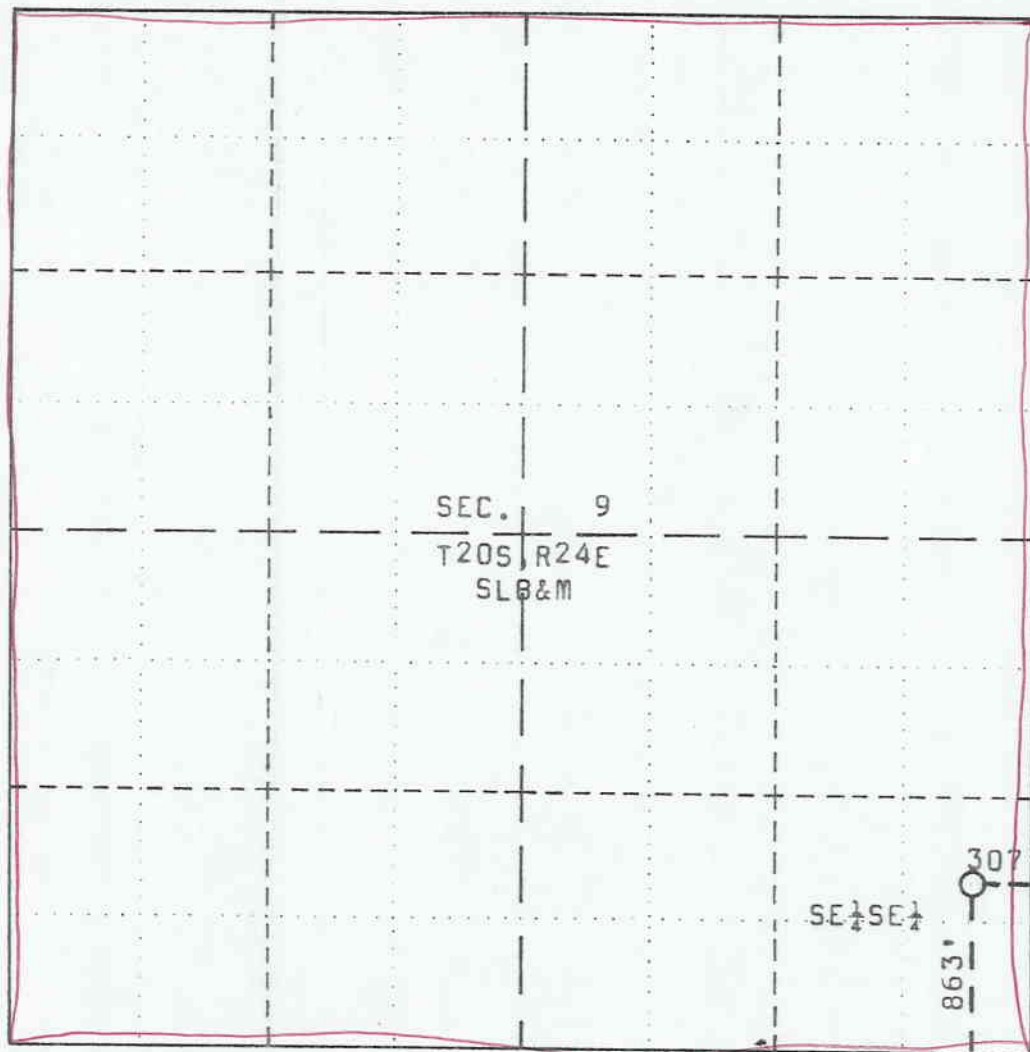
APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:



SCALE: 1" = 1000'

FED. LANSDALE NO. 9-1A

Located North 863 feet from the South boundary and West 307 feet from the East boundary of Section 9, T20S, R24E, SLB&M.

Elev. 4580

Grand County, Utah



SURVEYOR'S CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF

*Udell S. Williams*  
UTAH R.L.S. NO. 2573



**UDELL S. WILLIAMS**

751 Rood Avenue  
GRAND JUNCTION, COLORADO 81501

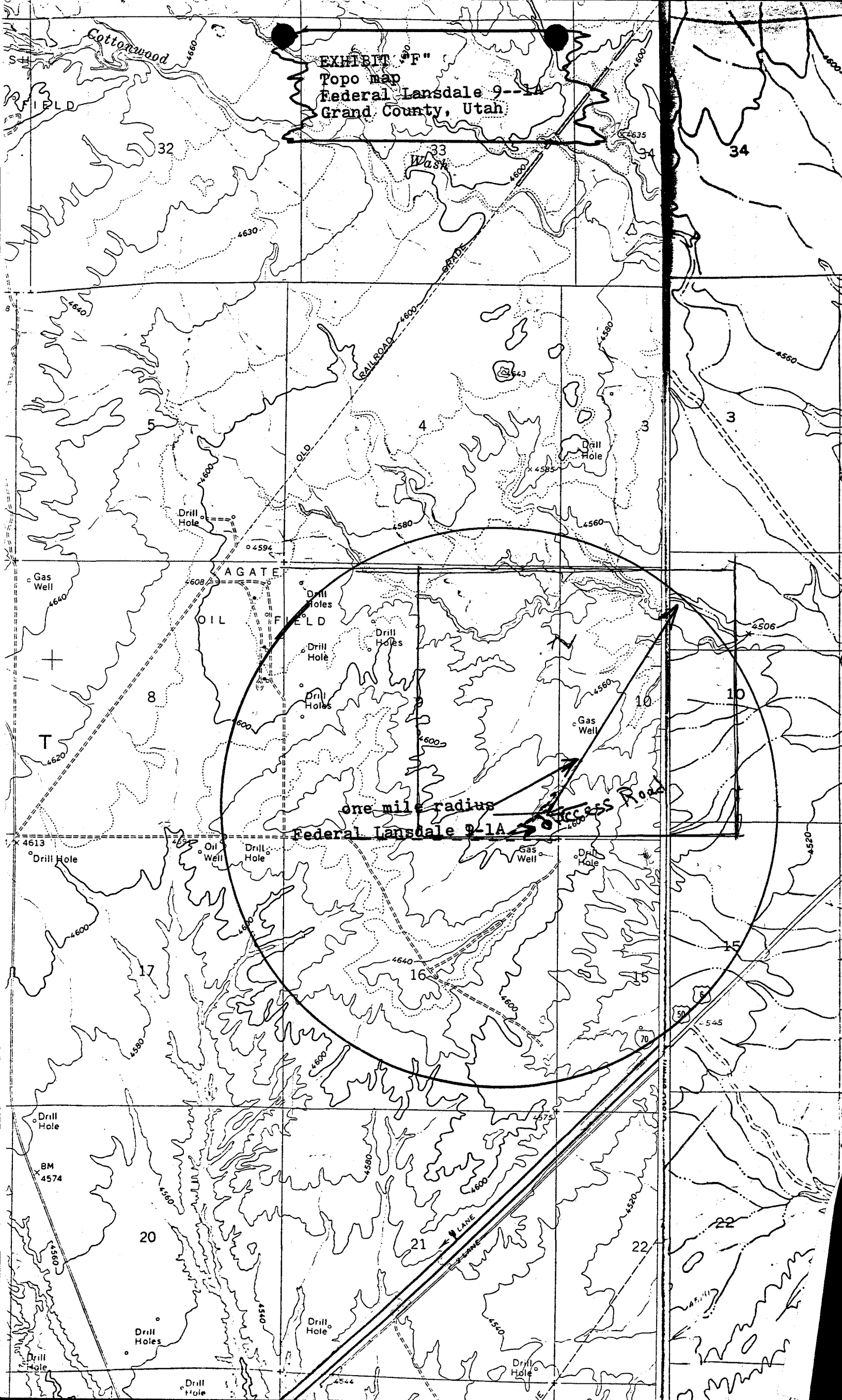
PLAT OF  
PROPOSED LOCATION

FED. LANSDALE NO. 9-1A  
SE 1/4 SE 1/4 SECTION 9  
T20S, R24E, SLB&M

SURVEYED BY: USW DATE: 11/30/81  
DRAWN BY: USW DATE: 11/30/81

<sup>6</sup> [REDACTED] <sup>5</sup> Route to well site <sup>4</sup> <sup>3</sup> <sup>2</sup> <sup>1</sup>

EXHIBIT "F"  
Topo map  
Federal Landsale 9-1A  
Grand County, Utah



MINERALS MANAGEMENT  
SERVICE  
OIL & GAS OPERATIONS  
RECEIVED

Identification CER/EA No. 20-86

JUN 1 1982  
SALT LAKE CITY, UTAH

United States Department of the Interior  
Geological Survey  
2000 Administration Bldg.  
1745 West 1700 South  
Salt Lake City, Utah 84104

NEPA CATEGORICAL EXCLUSION REVIEW

PROJECT IDENTIFICATION

Operator Walter Broadhead  
Project Type Gas well & oil well Development  
Project Location 863 FEL 347 FEL SEC 9 T20S R24E  
Well No. Q-1A Lease No. W-38365  
Date Project Submitted 12-4-81

FIELD INSPECTION

Date 1-14-82

Field Inspection  
Participants

Craig Hansen USGS - Denver  
Jeff Robbins Bhm north  
Paul Brown " "  
Bub Broadhead Broadhead Drilling

Related Environmental Documents: \_\_\_\_\_

I have reviewed the proposal in accordance with the categorical exclusion review guidelines. This proposal would not involve any significant effects and, therefore, does not represent an exception to the categorical exclusions.

1-20-82

Date Prepared

Craig Hansen  
Environmental Scientist

I concur

JUN 01 1982

Date

W. J. Mouton  
District Supervisor

FOR E. W. GUYNN  
DISTRICT OIL & GAS SUPERVISOR

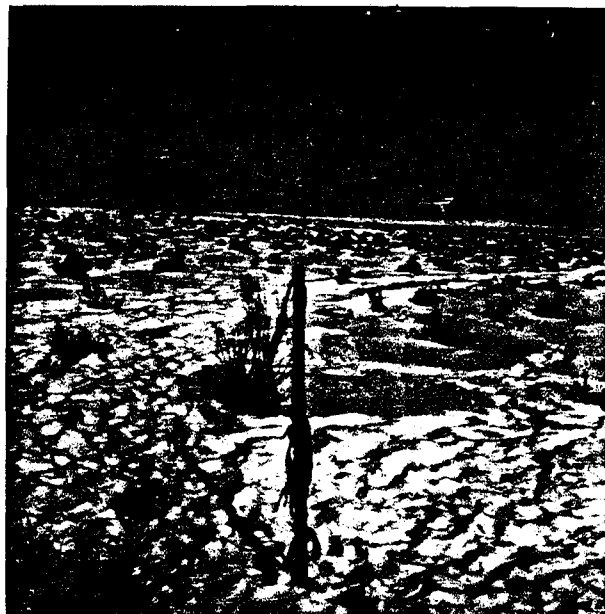
CATEGORICAL EXCLUSION REVIEW INFORMATION SOURCE

Criteria	Federal/State Agency			Local and private correspondence (date)	Previous NEPA	Other studies and reports	Staff expertise	Onsite inspection (date)	Other
	Correspondence (date)	Phone check (date)	Meeting (date)						
516 DM 2.3.A									
Public health and safety	BLM 5-28-82						2	1-19-82 24,6	
Unique characteristics	1						2	24,6	
Environmentally controversial	1						2	24,6	
Uncertain and unknown risks	1						2	24,6	
Establishes precedents	1						2	24,6	
Cumulatively significant	1						2	24,6	
National Register historic places	1								
Endangered/threatened species	1								
Violate Federal, State, local, tribal law	1								

Comments: App held by Archeology

# CATEGORICAL EXCLUSION REVIEW COMMON REFERENCE LEGEND

1. Surface Management Agency Input
2. Reviews Reports, or information received from Geological Survey  
(Conservation Division, Geological Division, Water Resource Division,  
Topographic Division)
3. Lease Stipulations/Terms
4. Application Permit to Drill
5. Operator Correspondence
6. Field Observation
7. Private Rehabilitation Agreement



Broadhead  
9-1A

north

## Recommended Stipulations for Brookhead 9-1A.

1. Location will be moved 40' west  
and rotated ~~180~~ <sup>90</sup> to accommodate  
rig.
2. Production Equipment will  
be painted a tan color to blend  
in with the natural surroundings.
3. Shore to Blm surface stipulations





# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Moab District  
Grand Resource Area  
P.O. Box M  
Moab, Utah 84532

IN REPLY REFER TO

3109  
U-38365  
(U-068)

MAY 25 1982

### Memorandum

To: Oil & Gas Office  
USGS Conservation Division  
P. O. Box 1037  
Vernal, Utah 84078

From: Area Manager, Grand

Subject: Permit to Drill: U-38365  
Lansdale 9-1A  
Sec. 9, T. 20 S., R. 24 E.  
Grand County, Utah

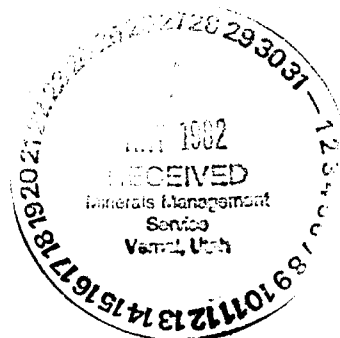
On January 19, 1982 a representative from this office met with Cody Hansen, USGS, and Bud Broadhead, agent of W. D. Broadhead, for an inspection of the above referenced location. Subject to the attached conditions and written approval from USGS, I am approving the surface management portion of the Application for Permit to Drill.

The archaeological requirement has been fulfilled on this location. No threatened or endangered flora or fauna are indicated in the area.

Please forward the enclosed information to W. D. Broadhead.

Enclosures: (4)  
1-Reclamation Procedures  
2-Seed Mixture  
3-Suggested Colors - Production Facilities  
4-Class III Road Standards

ACTING 



MINERALS MANAGEMENT  
SERVICE  
OIL & GAS OPERATIONS  
RECEIVED

Company: Broadhead JUN 1 1992  
Well: Fed. Lansdale #9-1A  
Section: 9, T. 20S, R. 12E, N. 41N

ADDITIONS TO THE MULTIPOINT  
SURFACE USE PLAN  
AND  
RECLAMATION PROCEDURES

CONSTRUCTION:

1. The operator or his contractor will contact the Grand Resource Area Office in Moab, Utah (phone (801) 259-6111) 48 hours prior to beginning any work on public land.
2. The dirt contractor will be furnished with an approved copy of the surface use plan and any additional BLM stipulations prior to any work.
3. Use of water from sources such as wells, springs, streams or stock ponds for activities associated with this well will be approved, prior to use, by the agency or individual holding the water right.
4. If subsurface cultural material is exposed during construction, work in that spot will stop immediately and the Grand Resource Area Office will be contacted. All employees working in the area will be informed by the operator that they will be subject to prosecution if they are caught disturbing archaeological sites or picking up artifacts. Salvage or excavation of identified archaeological sites will only be done if damage occurs.
5. Improvement to the existing road will not be necessary. The total disturbed width allowed will be as is. The allowable travel surface will be as is.

New road construction will be limited to a total disturbed width of 16 feet. For construction design and survey refer to class III road standards attachment. The new access will be bladed rough and when production is established proper moisture controls will be constructed and class III standards adhered to.

Topsoil will not be saved along the route between the trees and the road.

Surface disturbance and vehicular travel will be limited to the approved location and approved access route. Any additional area needed will be approved in advance.

Surfacing material will not be placed on the access road or location without prior BLM approval.

6. Location: will be moved 40 feet NW and the location as drawn, in Exhibit 'G' of the NTL-6, will be rotated 90 degrees. All areas used within the 200 X 250 parameter whether bladed or not will be ripped and seeded after use. The wash will remain undisturbed and all pollutants will be kept out of the wash. Topsoil around the blooie pit as drawn on Exhibit 'G' of the NTL-6 will be relocated.
7. The top 8 inches of soil material will be removed from the location and stockpiled on the north side of the location. Topsoil along the access will be reserved in place.
8. The reserve pit will not be lined.
9. Three sides of the reserve pit will be fenced before drilling starts. The fourth side will be fenced as soon as the drilling is completed. The fence will be kept in good repair while the pit is drying. The fence will be woven wire type.
10. Waterbars will be used as needed on all sloping surfaces as shown below:

<u>Grade</u>	<u>Spacing</u>
2%	200 feet spacing
4-4%	100 feet spacing
4-5%	75 feet spacing
+5%	50 feet spacing

## PRODUCTION

1. The reserve pit and that portion of the location and access road not needed for production or production facilities will be reclaimed in the methods described in the rehabilitation section. All of the stockpiled topsoil will be used in reclaiming the unused areas.
2. All above-ground production facilities will be painted using the attached suggested colors.
3. The access will be to the design of a class III road.

## REHABILITATION

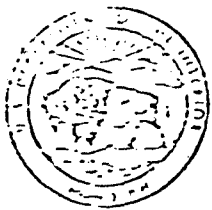
1. Immediately upon completion of drilling, the location and surrounding area will be cleared of all debris resulting from the operation. All trash will be disposed of in the trash pit/cage. Non-burnable debris will be hauled to a local town dump site.
2. The operator or his contractor will contact the Grand Resource Area BLM office in Moab, Utah, phone (801) 259-6111, 48 hours prior to starting rehabilitation work that involves earthmoving equipment and upon completion of restoration measures.
3. Before any dirt work to restore the location takes place, the reserve pit must be completely dry and any trash (barrels, metal etc.) it contains must be removed from public lands.
4. All disturbed areas will be recontoured to blend as nearly as possible with the surrounding area.
5. The stockpiled topsoil will be evenly distributed over the disturbed area.
6. All disturbed areas will be scarified with the contour to a depth of 12 inches. Do not smooth pads out, leave a roughened surface.
7. Seed will be (broadcast/drilled) at a time to be specified by the BLM with the following seed prescription. When broadcast seeding, a harrow or some such implement will be dragged over the seeded area to assure seed cover.

## SEED MIXTURE

<u>Species</u>		<u>lbs/acre</u>
<u>Grasses</u>		
Oryzopsis hymenoides	Indian ricegrass	1
Hilaria jamesii	Galleta (Curlygrass)	1
Sporobolus cryptandrus	Sand dropseed	1
<u>Forbs</u>		
Aster chilensis	Pacific aster	$\frac{1}{2}$
Sphaeralcea coccinea	Scarlet globemallow	$\frac{1}{2}$
<u>Shrubs</u>		
Atriplex canescens	Fourwing saltbush (White greasewood)	1
Atriplex nuttallii cuneata	Wedgeleaf nuttall saltbush	1
Eurotia lanata	Winterfat (Whitesage)	<u>1</u>
Total		7

Broadcast seed will be applied at double the above rate.

Seeding will be done in the fall of the year (Oct. - Dec.)



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

INSTRUMENT 10

### SUGGESTED COLORS TO PAINT OIL & GAS PRODUCTION FACILITIES

#### Cisco Desert and Flats below the Bookcliffs:

Dynasty Green	(Sears)
Tumbleweed	(Pratt & Lambert)
<del>Desert Tan</del>	
Sage Gray	(Pratt & Lambert)

#### Bookcliffs Region:

Sage Gray	(Pratt & Lambert)
Sea Life	(Pratt & Lambert)
Dynasty Green	(Sears)

Similar hues other than the ones mentioned above must be approved by the Grand Resource Area Manager.

EXHIBIT "B"

TEN-POINT COMPLIANCE PROGRAM OF NTL-6

APPROVAL OF OPERATIONS

WLATER D. BROADHEAD

Federal Lansdale No. 1A-9  
SE $\frac{1}{4}$ SE $\frac{1}{4}$  Sec, 9 T20S, R24E, SLB & M  
Grand County, Utah

1. Geologic Surface Formation

The surface formation is Mancos.

2. Important Geologic Markers

<u>Formation</u>	<u>Depth</u>
Dakota	1500'

3. Estimated Depths of Anticipated Water, Oil, Gas or Minerals

<u>Formation</u>	<u>Depth</u>	<u>Fluids</u>
Brush Creek	1780	Gas and/or Oil and/or Water

4. Proposed Casing Program

Surface Casing:

- (a) Drill 8 5/8" hole to 100' and set 7" 17-lb. cemented to surface.
- (b) Drill 6 1/4" hole to 1500 and set 4 1/2" 9.5-lb. with 100-sx cement (50% excess).

5. Operator's Minimum Specifications for Pressure Control

Exhibit "C" is a schematic diagram of the blowout preventer equipment planned for use in this well. The BOP's will be hydraulically tested to 1000 psi after nipping up and after any use under pressure. Pipe rams will be operationally checked each trip. All tests will be recorded in the daily drilling report. Accessories to BOP's include Kelly Cock, safety valve, drill string BOP and choke with pressure rating equivalent to the BOP stack.

6. Type of Characteristics of Proposed Muds

The well will be drilled with air and air mist until water is encountered, then it will be completed with mud. One hundred barrels of 8.5- to 9-lb. mud will be mixed up for use in drilling or in the event it is needed to kill well or logging operations.



7. Auxiliary Equipment to be Used

- (a) Kelly Cock will be kept in the string.
- (b) A full opening stabbing valve will be on the floor for use, when the Kelly is not in the string.
- (c) A float will be run at the bit.
- (d) Monitoring equipment will be installed and used on the mud system.

8. The Testing, Logging and Coring Programs

- (a) Drill stem tests are not planned at this time.
- (b) The logging program will consist of Induction Electric & Compensated Nuclear Density.
- (c) No coring is planned.
- (d) Drilling samples will be caught at 30' intervals BSG to 1200'; from 1500' to TD samples at 5' intervals.

9. Any Anticipated Abnormal Pressures or Temperatures Expected

No abnormal gas pressures or temperatures are expected. No hydrogen sulfide or other hazardous gasses or fluids have been reported in the area.

10. Anticipated Starting Date and Duration of Operations

The anticipated starting date is January 15, 1982 or as soon as possible after approval of all drilling requirements.

Drilling operations should be completed 7 to 10 days after spudding.

EXHIBIT "C"

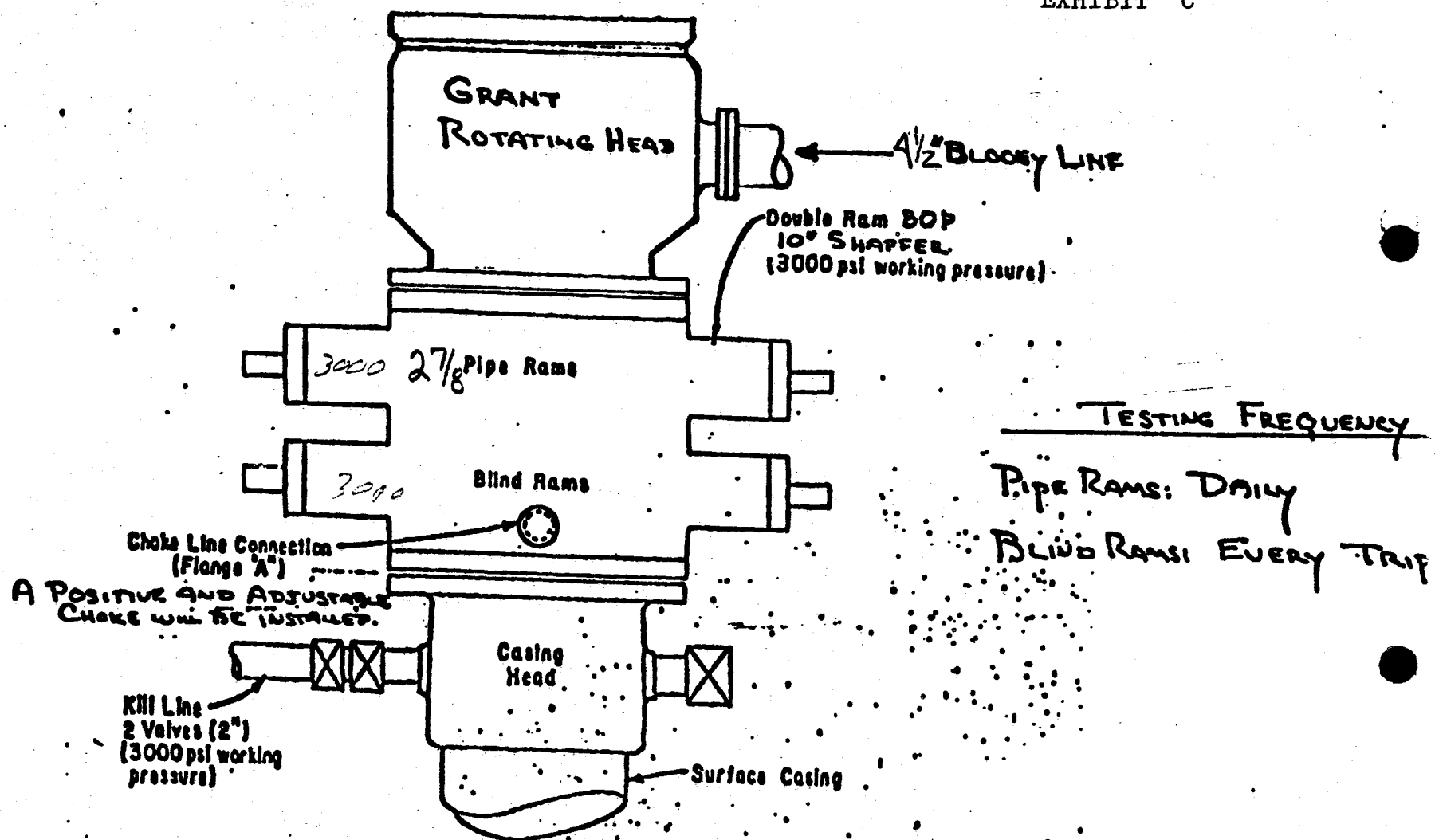


EXHIBIT "D"

MULTI-POINT REQUIREMENTS TO ACCOMPANY APD

WALTER D. BROADHEAD  
Federal Landsdale No. 9-1A  
SE $\frac{1}{4}$ SE $\frac{1}{4}$  Sec 9, T20S, R24E, SLB&M  
Grand County, Utah

1. Existing Roads

- A. Exhibit "A" is the proposed well site as staked by Udell S. Williams, and the ground elevation is shown thereon.
- B. Exhibit "E" is the route and distance road map. The location is a total of 11 miles Northeasterly from Cisco, Utah. To reach the location travel Northeasterly from Cisco 5.4 miles on old U.S. Highway 6 & 24; turn left and go under Interstate 70 and proceed Northerly on 30' Grand County gravelled road for a distance of 2.7 miles to a 3-way intersection (corrals are on the right); turn right onto a 25' dirt road (old railroad bed) and go east for two miles. At the end of two miles you will find a road going north east. Take this road for 1/8 mile and about 150' south of the road the location can be found.
- C. Exhibit "F" is a print of a portion of the Danish Flat, Utah- Quadrangle and shows the access road into the location. The green color shows the existing road. The red color indicates new road construction required to reach the location.
- D. All known existing roads appear on Exhibits "E" and "F".
- E. This is considered a Development Well.
- F. All roads from Cisco to the Agate Oil Field are in good condition and carry heavy truck traffic regularly. The next 0.2 mile of existing roadway will be maintenance graded as equipment moves in to construct well pad.

2. Planned Access Roads

The 0.3 mile of new access road will be of minimum disturbance. The brush will be bladed off and windrowed along the Northerly side of the road.

- (1) The typical section of the proposed access road will be 16' in width.
- (2) Maximum grade will be 2% to 4%.
- (3) No turnouts are required.
- (4) (5) No culverts are necessary.
- (6) Surface material will be that native to the area.
- (7) No gates or cattleguards are required.
- (8) The proposed access road has been flagged.

3. Location of Existing Wells

For all existing wells within a one-mile radius of the development well, see Exhibit "F".

- (1) There are no water wells.
- (2) Abandoned wells - see Exhibit "F".
- (3) There are no temporarily abandoned wells.
- (4) There are no disposal wells.
- (5) There are no drilling wells.
- (6) Producing wells - see Exhibit "F".
- (7) There are no shut-in wells.
- (8) There are no injection wells.
- (9) There are no monitoring or observation wells for other resources.

4. Location of Existing and/or Proposed Facilities

- A. Within a one-mile radius of this location are existing facilities owned or controlled by lessee/operator as shown on Exhibit "F".
- B.
  - (1) Exhibit "I" shows all anticipated production facilities.
  - (2) The dimensions of production facilities shown on Exhibit "I" are drawn to a scale of 1" = 40'.
  - (3) The only construction materials needed from outside the location would be gravel for a pad under separator and/or dehydrator unit. Gravel would be trucked into the location over the access road by the dirt contractor from the nearest commercial pit in the Cisco area.
  - (4) If a small pit is required, it will be fenced and flagged.
- C. Rehabilitation, whether the well is productive or not, will be made on unused areas as soon as practical in accordance with the restoration plans presented in Item 10 following.

5. Location and Type of Water Supply

- A. Water will be trucked from Cisco Springs, 11.8 road miles Westerly of the location.
- B. Water will be trucked over the access road by oilfield water trucks.
- C. No water well is planned.

6. Source of Construction Materials

A., B., C., D.

No construction materials are needed for drilling operations. In the event of production, the small amount of gravel needed for facilities will be hauled in by truck from local gravel pit in the Cisco area. No special access other than for the drilling operation is needed.

7. Methods for Handling Waste Disposal

- (1) Drill cuttings will be buried in the reserve pit when covered.
- (2) Drilling fluids will be contained in steel mud pits and the reserve pit. These fluids will be disposed of in the reserve pit.
- (3) Any hydrocarbon liquids produced while drill stem testing or production testing will be collected in a test tank set near the pipe baskets or near the wellhead. Any unavoidable spills of oil or other adverse substances or materials will be covered or removed immediately during drilling progress or during completion operations.
- (4) Chemical toilet facilities will be provided for human waste.
- (5) Garbage and trash will be collected in a trash cage and its contents hauled to the nearest designated landfill.
- (6) The entire site will be cleaned up and restored to a smooth contour when the rig moves out. Only that part of the location required for production will be used.

8. Ancillary Facilities

No air strips, camps or other living facilities will be built off the location. The normal trailers will be on the location as seen on Exhibit "H".

9. Well Site Layout

- (1) Exhibit "G" is the drill pad layout. Topsoil will be stockpiled to specifications determined at the pre-drill inspection.
- (2) (3) The mud tanks, reserve pit, trash cage, pipe racks, living facilities, and soil material stockpiled, rig orientation, parking areas and access road are all shown on Exhibit "H".
- (4) The reserve pits will not be lined. Steel mud tanks will be used, and are shown on Exhibit "H". If water is produced in production, an NTL-2b study will be initiated.

10. Plans for Restoration

- (1) Backfilling, leveling, and recontouring will be accomplished as soon as possible after plugging of the well, and on those unused areas if production is obtained. Waste disposal and spoils materials will be buried or hauled away.
- (2) Rehabilitation will be accomplished by recontouring as best practical back to blend with original contours. The stockpiled topsoil will be spread, along with ripping of the pad and road area (if so desired by surface owner). Revegetation will be accomplished using grasses chosen by B.L.M.

- (3) Three sides of the reserve pit will be fenced prior to drilling operations. Upon rig release, the reserve pit will be fenced on the fourth side and will remain until recontouring and cleanup operations are completed.
- (4) Any oil spills will be immediately reported, cleaned up, or flagged.
- (5) Rehabilitation operations will commence as soon as practical after rig moves off location. Earth work and seeding will be done during January of '1982 if possible.

11. Other Information

As indicated on Exhibit "F", the topography of the location vicinity has very little relief. The location lies on a gentle plain which slopes Southeasterly 1-2%. This location lies Northwesterly of the existing Agate Oil Field.

The soil is a light tan to grey shallow soil, typical of Mancos formation.

The vegetation in the immediate area surrounding the location is sagebrush, Matt saltbush, shadscale, prickly pear cactus, Russian thistle, greasewood, and cheatgrass.

The fauna of the area consists of cattle, sheep, antelope, rabbits, lizards, ravens, meadow lark, killdeer, ground sparrows and martens.

The surface ownership is B.L.M. The surface use is grazing, petroleum production, and recreation.

The nearest live water is Cisco Springs, 5.3 air miles Westerly of the location.

The nearest occupied dwelling is in Cisco, Utah, 9.9 road miles Southwesterly of the location, as shown on Exhibit "E".

There are no visible archaeological, historical, or cultural sites within any reasonable proximity to the proposed location site.

There are no reported restrictions or reservations noted on the oil and gas lease.

12. Lessee's or Operator's Representative

Walter D. Broadhead  
1645 North 7th Street  
Grand Junction, Colorado 81501  
Telephone 303/242-7717

13. Certification

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and, that the work associated with the operations proposed herein will be performed by my contractors and subcontractors in conformity with this plan and terms and conditions under which it is approved.

NOV 28, 1981  
Date

Walter D Broadhead  
Name and Title

Exhibit 'G'  
Drill Pad Layout  
Federal Lansdale No. 9  
Grand County, Utah

TOPSOIL

STOCKPILE

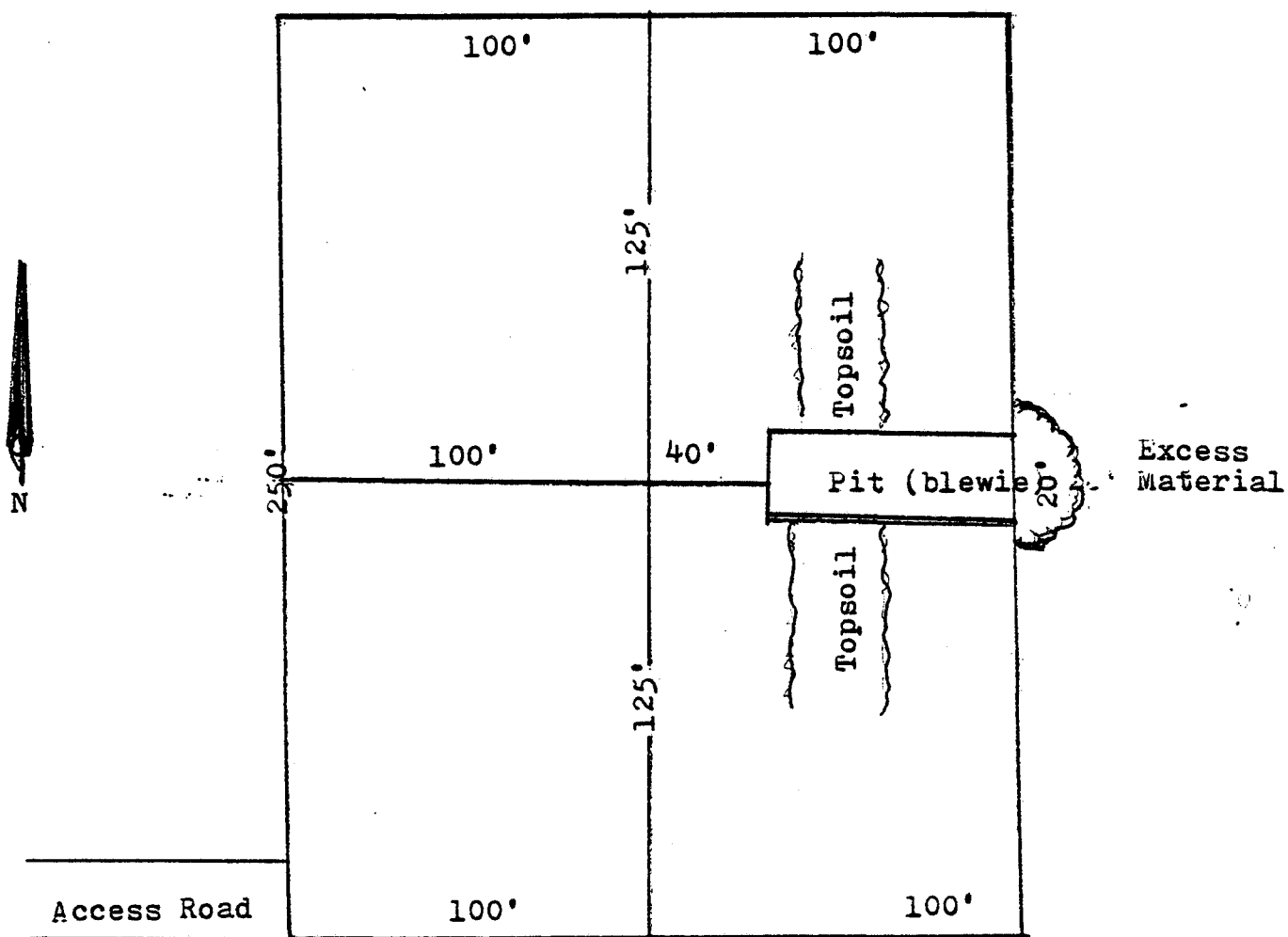




Exhibit "H"  
Drill Rig Layout

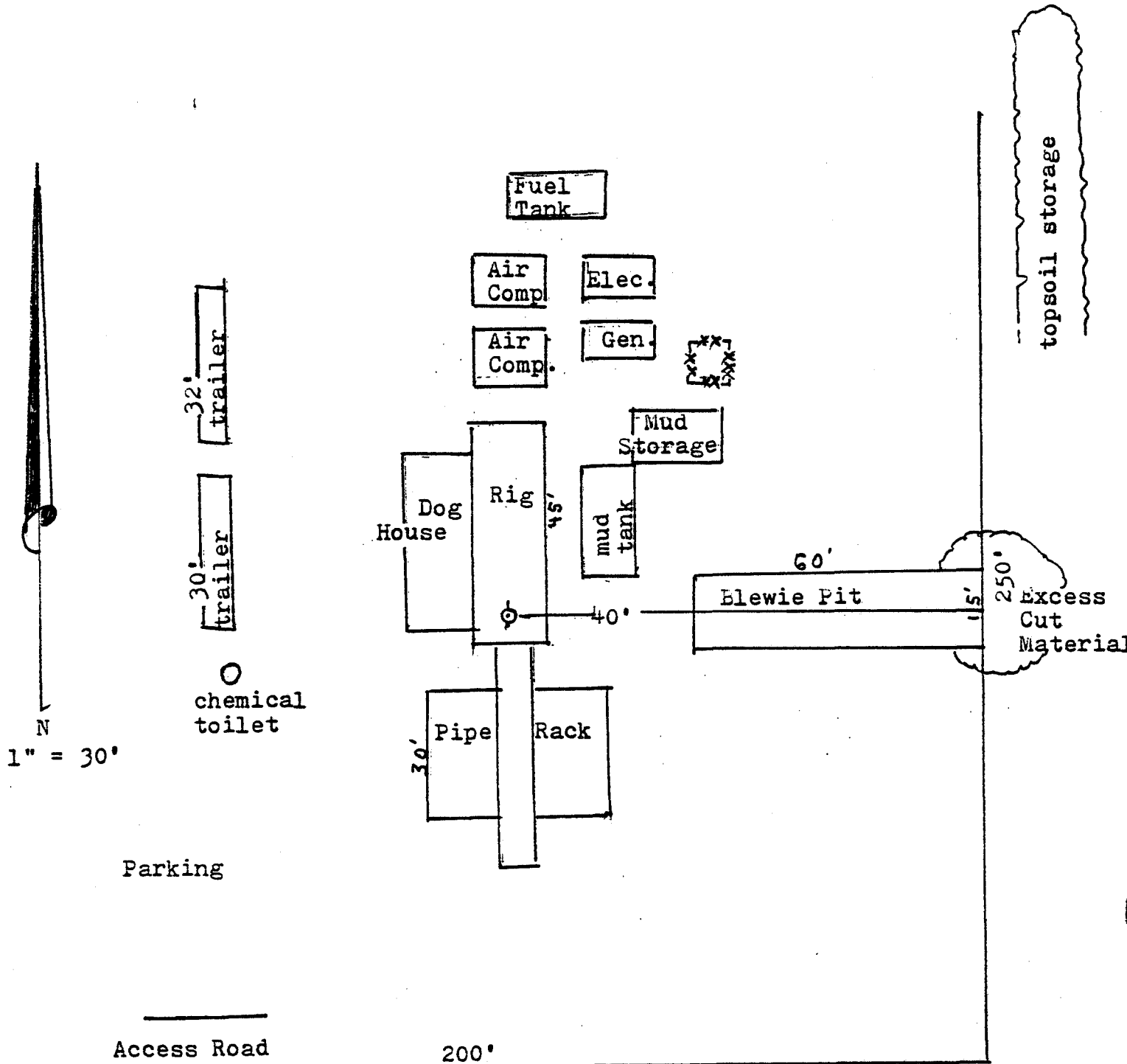
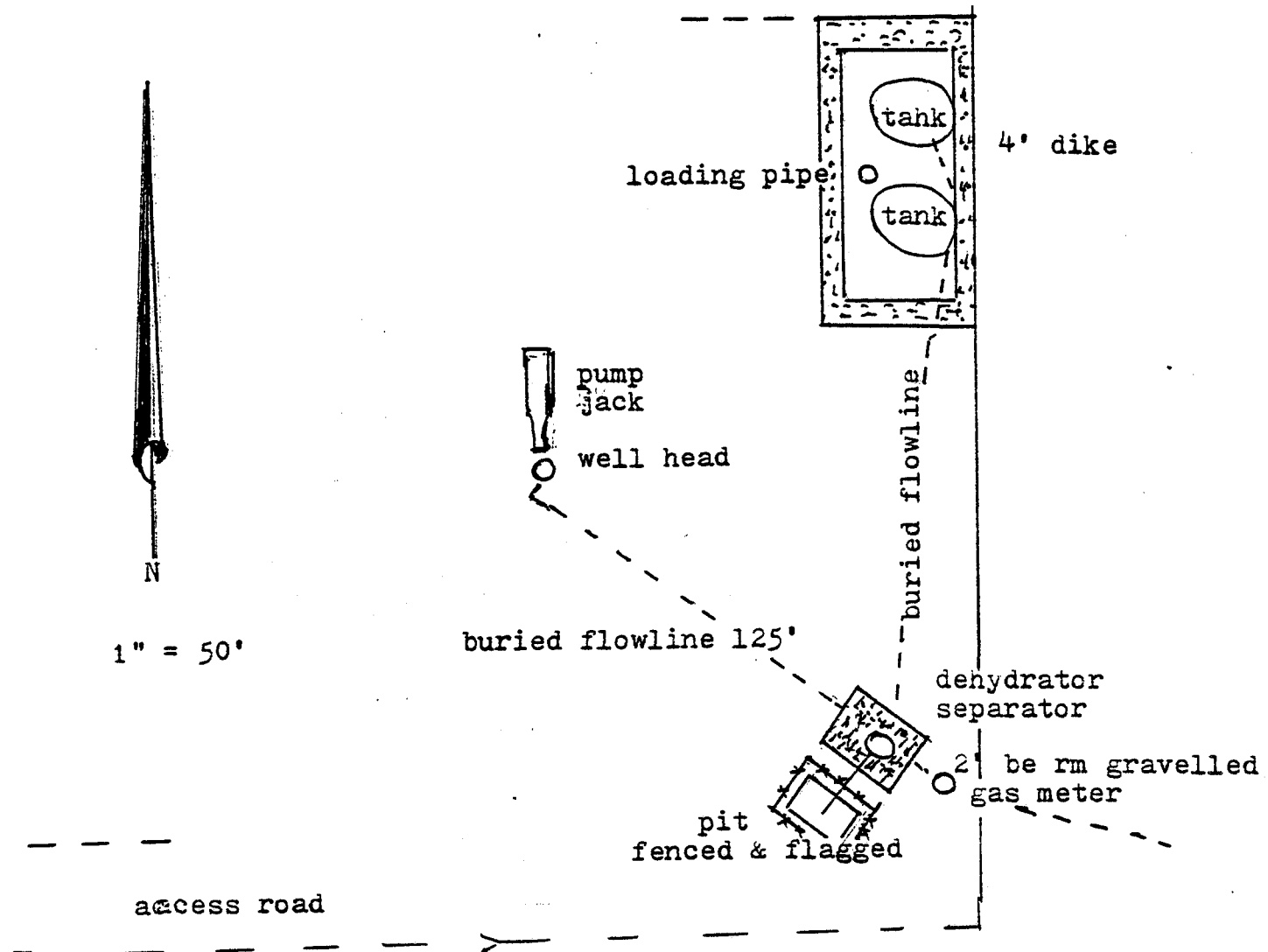


Exhibit "I"  
Production Facilities



March 11, 1982

Walter D. Broadhead  
1645 North 7th St.,  
Grand Junction, Colo. 81501

RE: Well No. Federal Lansdale #9,  
Sec. 9, T. 20S, R. 24E,  
Grand County, Utah

Insofar as this office is concerned, approval to drill the above referred to gas well is hereby granted in accordance with the Order issued in Cause No. 102-40, dated January 28, 1982.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

CLEON B. FEIGHT  
Office: 533-5771  
Home: 466-4455

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-019-30931.

Sincerely,

DIVISION OF OIL, GAS AND MINING

Cleon B. Feight  
Director

CBF/db  
CC: Minerals Management Service  
Enclosure

NOTICE OF SPUD

Company: Walt Broadhead  
Caller: Same  
Phone: 303 + 242 - 7717  
Well Number: Lansdale # 9-1A  
Location: SE 1/4 SE 1/4 9-205-24E  
County: Grand Co. State: Ut  
Lease Number: U-38365  
Lease Expiration Date: 11/30/82  
Unit Name (If Applicable): N/A  
Date & Time Spudded: 3 PM 11/30/82  
Dry Hole Spudder/Rotary: Rotary  
Details of Spud (Hole, Casing, Cement, etc.) Dry @ 20'  
(Does not operate 24 hrs)  
  
Rotary Rig Name & Number: \_\_\_\_\_  
Approximate Date Rotary Moves In: \_\_\_\_\_

FOLLOW WITH SUNDRY NOTICE

Call Received By: EWL  
Date: 12/1/82

State Oil & Gas ✓  
Vernal MMS  
Teresa  
Diane  
File

Operator Walter D. BROADHEAD Representative SELF

Weil No. 9-1A Located SE 1/4 SE 1/4 Sec. 9 Twp 20S Range 24E

Lease No. U-38365 Field Cisco State Utah

Unit Name and Required Depth NA Base of fresh water sands NA

T.D. 1402 Size hole and Fill Per Sack 6 1/4" Mud Weight and Top 10<sup>0</sup> #/gal. 1

Casing Size	Set At	Top of Cement	To Be Pulled	Plugging Requirements		
				From	To	Sacks Cement
<u>7"</u>	<u>114</u>	<u>circulated</u>	<u>(5)</u>	<u>10sacks @</u>	<u>surface w/ reg marker</u>	
			<u>(6)</u>	<u>75</u>	<u>175</u>	<u>as required</u>

Formation	Top	Base	Shows			
<u>DAKOTA</u>	<u>910</u>			<u>(1)</u>	<u>650</u>	<u>900</u>
<u>Sands</u>	<u>1010</u>					

Remarks

DST's, lost circulation zones, water zones, etc. Water flow in Dakota  
(1) Clean up location (2) fill all holes (3) Reserve pit, pumped  
out - fence to dry (4) Rehabilitate according to plan

Approved by EL Gwynn / WMM Date 1-24-83 Time 9<sup>00</sup> A.M.

cc: Operator with conditions of approval

BLM-Hoak ✓

HMS-BLM-VEL

File this copy

MEIR  
Control  
records



STATE OF UTAH  
NATURAL RESOURCES & ENERGY  
Oil, Gas & Mining

Scott M. Matheson, Governor  
Temple A. Reynolds, Executive Director  
Cleon B. Feight, Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

April 21, 1983

Walter D. Broadhead  
1645 North 7th Street  
Grand Junction, Colorado 81501

Re: Well No. Federal Lansdale # 9-1A  
Sec. 9, T. 20S, R. 24E.  
Grand County, Utah  
(January 1983- March 1983)

Well No. Federal Lansdale # 15-1A  
Sec. 15, T. 20S, R. 24E.  
Grand County, Utah  
(January 1983- March 1983)

Gentlemen:

Our records indicate that you have not filed the monthly drilling reports for the months indicated above on the subject wells.

Rule C-22, General Rules and Regulations and Rules of Practice and Procedure, requires that said reports be filed on or before the sixteenth (16) day of the succeeding month. This report may be filed on Form OGC-1B, (U.S. Geological Survey Form 9-331) "Sundry Notices and Reports on Wells", or on company forms containing substantially the same information. We are enclosing forms for your convenience.

We will be happy to acknowledge receipt of response to this notice if you will include an extra copy of the transmittal letter with a place for our signature, and a self addressed envelope for the return. Such acknowledgement should avoid unnecessary mailing of a firm second notice from our agency.

Your prompt attention to the above will be greatly appreciated.

Respectfully,

DIVISION OF OIL, GAS AND MINING

Cari Furse  
Well Records Specialist

CF/cf  
Enclosure

Board/Charles R. Henderson, Chairman • John L. Bell • E. Steele McIntyre • Edward T. Beck  
Robert R. Norman • Margaret R. Bird • Herm Olsen

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TRIPPLICATE\*  
(Other instructions on re-  
verse side)

Form approved.  
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <u>Dry hole</u>		5. LEASE DESIGNATION AND SERIAL NO. <u>U. 30365</u>	
2. NAME OF OPERATOR <u>Walter D. Broadhead</u>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
3. ADDRESS OF OPERATOR <u>1645 N. 75th Grand Junction Colo 81501</u>		7. UNIT AGREEMENT NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface <u>863' FSL &amp; 307' FEL. Sec 9, T20S. R24E.</u>		8. FARM OR LEASE NAME <u>Federal</u>	
14. PERMIT NO.		9. WELL NO. <u>Fed Lands Sale No 9-1A</u>	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) <u>4580 RP.</u>		10. FIELD AND POOL, OR WILDCAT <u>Greater Cisco Area</u>	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA <u>Sec 9, T20S R24E SLM</u>	
		12. COUNTY OR PARISH <u>Grand</u>	
		13. STATE <u>Utah</u>	

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON\*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT\*

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Jan 24-83

Set Plugs:

No 1-50 SX 650' to 900'

No 2-20 SX 75 to 175

No 3- 10 SX Surface with Marker

APPROVED BY THE STATE  
OF UTAH DIVISION OF  
OIL, GAS, AND MINING

DATE: Aug 25-1983  
BY: [Signature]

18. I hereby certify that the foregoing is true and correct

SIGNED Walter D. Broadhead

TITLE operator

DATE Aug 25-1983

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE\*  
(Other instructions on reverse side)

Form approved.  
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <u>Dry hole</u>		5. LEASE DESIGNATION AND SERIAL NO. <u>11-30365</u>
2. NAME OF OPERATOR <u>Walter D. Broadhead</u>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR <u>1645 N. 7th Grand Junction Colo. 81501</u>		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface <u>863' FSL &amp; 307' FE L. in the SE 1/4 SE 1/4 Sec 9.</u> <u>T20S. R24E.</u>		8. FARM OR LEASE NAME <u>Federal</u>
14. PERMIT NO.		9. WELL NO. <u>Fed Landsak No 9-1A</u>
15. ELEVATIONS (Show whether DF, RT, GR, etc.) <u>4580 GR</u>		10. FIELD AND POOL, OR WILDCAT <u>Greater Cisco Area</u>
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA <u>Sec. 9, T20S. R24E. SLM.</u>
		12. COUNTY OR PARISH <u>Grand</u>
		13. STATE <u>Utah</u>

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>

PULL OR ALTER CASING

<input type="checkbox"/>
<input type="checkbox"/>
<input checked="" type="checkbox"/>
<input type="checkbox"/>

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON\*

REPAIR WELL

CHANGE PLANS

(Other)

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT\*

<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

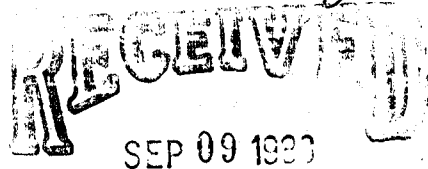
Dakota Sand  
Cedar Mountain Sand wet

Requested and Received permission to plug 1-24-83

50 SX 650' - 900'

20 SX 75' - 175'

10 SX surface Plug with Marker



DIVISION OF  
OIL GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED

Walter D. Broadhead

TITLE

operator

DATE

Aug 25 1983

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side



STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING  
1588 West North Temple  
Salt Lake City, Utah 84116

REPORT OF WATER ENCOUNTERED DURING DRILLING

Well Name and Number Fed Lansdale No 9-1A 43-019-30931

Operator Walter D. Broadhead

Address 1645 N. 7th Grand Junction Colo 81501

Contractor Richardson Drilling

Address 385 Kirby Lane Grand Junction Colo 81501

Location 8E 1/4, SE 1/4, Sec. 9; T. 20<sub>S</sub>; R. 24<sub>E</sub>; Grand County

Water Sands:

From-	Depth:	Volume:	Quality:
	To-	Flow Rate or Head-	Fresh or salty-

1.	<u>970 to 110</u>	<u>20 BBL'S</u>	<u>Salty-Brackish</u>
2.			
3.			
4.			
5.			

(continue on reverse if necessary)

Formation Tops: Dakota At 1130  
Morrison At 955

- NOTE:
- (a) Upon diminishing supply of forms, please inform this office.
  - (b) Report on this form as provided for in Rule C-20, General Rules And Regulations and Rules of Practice and Procedure.
  - (c) If a water quality analysis has been made of the above reported zone, please forward a copy along with this form.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE\*

(See other  
instructions on  
reverse side)Form approved.  
Budget Bureau No. 42-R355.1.

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG\*

1a. TYPE OF WELL: OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input checked="" type="checkbox"/> Other _____		5. LEASE DESIGNATION AND SERIAL NO. <b>U-30365</b>	
b. TYPE OF COMPLETION: NEW WELL <input type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> Other _____		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR <b>Walter D Broadhead</b>		7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR <b>803" FSL. &amp; 307 FEL Sec 9, T20S. R24E</b>		8. FARM OR LEASE NAME <b>Federal</b>	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface <b>SE SE</b> At top prod. interval reported below At total depth		9. WELL NO. <b>Fed lands date NO 9-1A</b>	
14. PERMIT NO. <b>43-019-30931</b>		12. COUNTY OR PARISH <b>Grand</b>	
DATE ISSUED		13. STATE <b>Utah</b>	
15. DATE SPUNDED <b>11-30-82</b>	16. DATE T.D. REACHED <b>1-23-83</b>	17. DATE COMPL. (Ready to prod.) <b>NA</b>	18. ELEVATIONS (DF, RER, RT, GR, ETC.)* <b>4580</b>
19. ELEV. CASINGHEAD	20. TOTAL DEPTH, MD & TVD <b>1402'</b>		
21. PLUG, BACK T.D., MD & TVD	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY <b>Rotary</b>	24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* <b>NA Induction Guard Log.</b>
25. WAS DIRECTIONAL SURVEY MADE <b>NA</b>			26. TYPE ELECTRIC AND OTHER LOGS RUN <b>Dual</b>
27. WAS WELL CORED <b>NA</b>			
28. CASING RECORD (Report all strings set in well)			
CASING SIZE <b>7"</b>	WEIGHT, LB./FT. <b>17 1/2 LB</b>	DEPTH SET (MD) <b>120"</b>	HOLE SIZE <b>8 3/4</b>
CEMENTING RECORD <b>Circulated 253X</b>		AMOUNT PULLED <b>None</b>	
29. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
30. TUBING RECORD			
SIZE	DEPTH SET (MD)	PACKER SET (MD)	
31. PERFORATION RECORD (Interval, size and number)			
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD) <b>NA</b>		AMOUNT AND KIND OF MATERIAL USED	
33. PRODUCTION			
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	
WELL STATUS (Producing or shut-in)			
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD
OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.
GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)			
35. LIST OF ATTACHMENTS			
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records			
SIGNED <b>Walter D Broadhead</b>		TITLE <b>operator</b>	
DATE <b>8-25-83</b>			

\*(See Instructions and Spaces for Additional Data on Reverse Side)

\*\* FILE NOTATIONS \*\*

DATE: 3-9-89

OPERATOR: Walter D. Broadhead

WELL NO: Fed. Lonsdale #9

Location: Sec. 9 T. 20S R. 24E County: Grand

File Prepared: ☒

Entered on N.I.D.: ☒

Card Indexed: ☒

Completion Sheet: ☒

API Number 43-019-30931

CHECKED BY:

Petroleum Engineer: \_\_\_\_\_

Director: OK as per order Case 102-46

Administrative Aide: OK as per order belongs needs  
lease ownership map,

APPROVAL LETTER:

Bond Required: ☐

Survey Plat Required: ☐

Order No. 102-46 2/28/82 O.K. Rule C-3 ☐

Rule C-3(c), Topographic Exception - company owns or controls acreage  
within a 660' radius of proposed site ☐

Lease Designation Fed

Plotted on Map ☐

Approval Letter Written ☐

Hot Line ☒

P.I. ☒